

Converting Colors

YUV(189.6910, -1.3267, 5.5330)

Have a look what the booklet for
YUV(189.6910, -1.3267, 5.5330)
contains.

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Color

**YUV(189.6910, -1.3267,
5.5330)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BBBB
RGB	196, 187, 187
RGB Percent	77%, 73%, 73%
CMY	0.2314, 0.2667, 0.2667
CMYK	0.00, 0.05, 0.05, 0.23
HSL	0°, 7%, 75%
HSV	0°, 5%, 77%
XYZ	49.5049, 50.8643, 54.2223
YIQ	189.6910, 5.3640, 1.9080

Conversions

Conversions Part 2

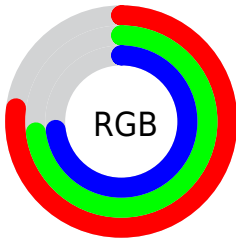
Format	Color
R _Y B	196, 187, 187
Decimal	12893115
CIE Lab	76.60, 3.17, 1.12
CIE LCh	77, 3.360, 19.520
Yxy	50.8643, 0.3202, 0.3290
Android (android.graphics.Color)	4291083195 (0xFFC4BBBB)
YUV	189.6910, -1.3267, 5.5330
Hunter-Lab	71.3192, -0.9061, 4.8466

Details

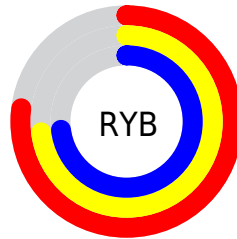
The YUV color $189.6910, -1.3267, 5.5330$ is a light color, and the websafe version is hex $CCCCCC$. A complement of this color would be $193.3090, 1.3267, -5.5330$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $245.9900, -1.4741, 6.1478$, and $136.3920, -1.1793, 4.9182$ is the 20% darker color. If you saturate the color by 10%, you get $175.6710, -4.2748, 17.8285$, and if you desaturate by 10%, it is $203.7110, 1.6215, -6.7625$.

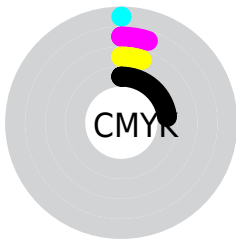
Distribution



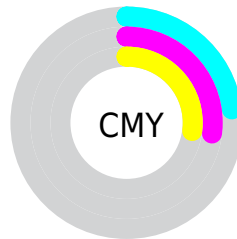
- Red (77%)
- Green (73%)
- Blue (73%)



- Red (77%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (23%)



- Cyan (23%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.6910, -1.3267, 5.5330 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 189.6910, -1.3267, 5.5330 by changing the saturation by 10% instead.

■ 189.6910, -1.3267,
5.5330

■ 189.6910, -1.3267,
5.5330

255.0000, 0.0000,
0.0000

■ 162.6910, -1.3267,
5.5330

■ 245.9900, -1.4741,
6.1478

■ 136.3920, -1.1793,
4.9182

■ 111.3920, -1.1793,
4.9182

■ 86.3920, -1.1793,
4.9182

■ 63.3920, -1.1793,
4.9182

■ 41.2070, -0.5951,
4.2035

■ 21.0930, -1.0318,

4.3034

0.0000, 0.0000,
0.0000

189.6910, -1.3267,
5.5330

189.6910, -1.3267,
5.5330

175.6710, -4.2748,
17.8285

203.7110, 1.6215,
-6.7625

162.3520, -7.0755,
29.5093

217.0300, 4.4222,
-18.4433

148.3320,
-10.0237, 41.8048

231.0500, 7.3704,
-30.7388

135.0130,
-12.8244, 53.4856

237.3590, 8.6970,
-36.2718

120.9930,
-15.7725, 65.7811

■ 106.9730,
-18.7207, 78.0767

■ 93.6540, -21.5214,
89.7574

■ 79.6340, -24.4696,
102.0530

■ 66.3150, -27.2703,
113.7337

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



189.7340, 0.1311, 4.6183



189.6910, -1.3267, 5.5330



189.0500, -2.4896, 5.2182

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



189.6910, -1.3267, 5.5330



188.2340, -1.5944, -1.9592



189.0750, 2.9210, -3.5738

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



189.6910, -1.3267, 5.5330



193.3090, 1.3267, -5.5330

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



188.0640, 2.9264, -5.3181



189.6910, -1.3267, 5.5330



188.2660, -0.1311, -4.6183

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



189.6910, -1.3267, 5.5330



188.3160, -2.6208, 0.5999



188.3090, 1.3267, -5.5330



189.3850, 2.7682, -1.2146

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189.6910, -1.3267, 5.5330



189.2240, -3.0684, 4.1886



188.3090, 1.3267, -5.5330



188.7760, 3.0684, -4.1886

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



189.6910, -1.3267, 5.5330



252.8970, -0.4422, 1.8443



190.7170, 2.6045, 4.6332



126.5980, -0.2948, 1.2296



0.0000, 0.0000, 0.0000



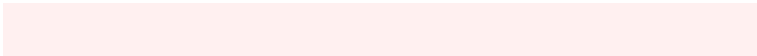
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



189.6910, -1.3267, 5.5330



244.4850, -2.2111, 9.2217



192.6260, -2.7736, 2.9590



92.0930, -1.0318, 4.3034



48.1390, -23.7325, 98.9791



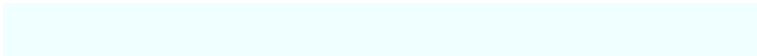
9.8670, -4.8644, 20.2876

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



193.3090, 1.3267, -5.5330



250.5150, 2.2111, -9.2217



190.9610, 2.4842, -3.4738



94.9070, 1.0318, -4.3034



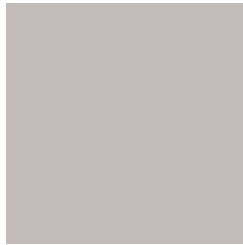
112.8610, 23.7325, -98.9791



23.1330, 4.8644, -20.2876

Previews

White Background



This preview shows how the YUV color 189.6910, -1.3267, 5.5330 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 189.6910, -1.3267, 5.5330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

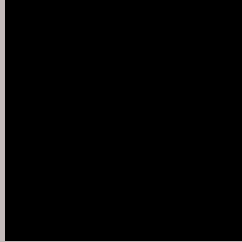
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

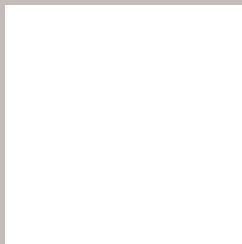
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 189.6910, -1.3267, 5.5330

Background



This preview shows how black text looks on a background with the YUV color 189.6910, -1.3267, 5.5330.



This preview shows how white text looks on a background with the YUV color 189.6910, -1.3267,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

189.6910, -1.3267, 5.5330

Protanopia

189.4950, -0.7370, 3.0739

Deuteranopia

191.0450, -1.5012, 14.8695



Tritanopia

190.5970, 4.6357, 6.4924

Trichromacy



Original Color

189.6910, -1.3267, 5.5330

Protanomaly

189.7940, -0.8844, 3.6887

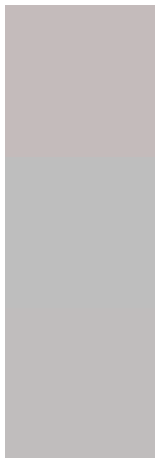
Deuteranomaly

190.4360, -1.2009, 11.8956

Tritanomaly

190.3150, 2.3097, 5.8627

Monochromacy



Original Color

189.6910, -1.3267, 5.5330

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8970, -0.4422, 1.8443

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.6910, -1.3267, 5.5330 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(196, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(196, 187, 187)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(196, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 187, 187) }
```

Border

The CSS property to change the border of an element to YUV 189.6910, -1.3267, 5.5330 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 187, 187) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(196, 187, 187) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(196, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(196, 187,  
187) }
```

Background

The CSS property to change the background color of an element to YUV 189.6910, -1.3267, 5.5330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 187, 187) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(196,  
187, 187) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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